ABSTRACT

The invention pertains to a process and to a device for the automatic rectification of images, where at least one image is rectified by a mapping function onto a reference image and at least some of the parameters of the mapping function are unknown, including at least

an extraction of at least three objects (O1-O3) from the image (O);

a determination of at least three control points in the image, where characteristic points of the extracted objects are determined as control points;

an assignment of the objects (O1-O3) to objects (O1'-O3') in the reference image, where the objects in the two images are assigned on the basis of the similarity between the objects and/or on the basis of a vector grid, the vector grid being formed by connecting the characteristic object points, and

a selection of a suitable mapping function and/or an adjustment of the parameters of the mapping function, where the mapping function is changed by changing the parameters in such a way that the cumulative error with respect to the positional differences between the projected control points and the corresponding points in the reference image is minimized.

(Figure 1)